

ABSTRACT OF THE DISCLOSURE

[0033] A hydrodynamic coupling device, especially a hydrodynamic torque converter, includes a housing which is rotatable about an axis of rotation, a turbine wheel mounted for rotation with respect to said housing, and a bridging clutch for transmitting torque between the housing and the turbine. The bridging clutch includes a first friction element which is essentially fixed against rotation with respect to the housing, and at least one second friction element which is essentially fixed against rotation with respect to the turbine, the friction elements having respective friction surfaces which can be brought into contact with each other. A first channel, provided in one of the friction surfaces, has first channel sections with radially closed inner ends and second channel sections with radially closed outer ends. A circumferentially extending second channel, provided in the other friction surface, establishes a fluid conducting connection between the first channel sections and the second channel sections when the first friction surface contacts the second friction surface. For every part of the friction surface which is opposite the second channel in a first relative rotational position, a second relative rotational position is provided in which this same part is in contact with the friction surface having the second channel.